

Server **GONSIN10000E**



Server

(OLED, Discussion, 4* RJ45-Terminal, Wireless MIC Compatible, Web Management, USB Recording, Camera Tracking, Ring Link)

Functions

- ◆ Designed with a black tempered glass panel, the OLED screen displays information such as system status, number of speakers, speaking modes, etc., and provides multilingual menus.
- ◆ Based on LINUX operating system platform development, it supports wired conference terminal and wireless conference terminal access to the same conference server. The default maximum number of simultaneous openings is 5. Supports multi-chairman application and unlimited number of chairman/vice-chairman settings.
- ◆ Provides 2 network interfaces with PoE power supply capability. Supports connecting wireless AP, switch, router, computer and other devices. Supports SSID wireless network management, managing 128 wireless APs and 650 wireless terminals. Supports one-click shutdown function to uniformly power off all wireless terminal devices.
- ◆ Provides 4-way terminal interfaces with 24V power supply capability, supporting three connection modes: hand-in-hand, star and hybrid. Supports mainline hand-in-hand ring connection to maintain stable operation in the event of a single-point failure, enhancing system fault tolerance.
- ◆ Provides 1-way fire broadcast audio interface and 1 fire broadcast control interface, which can be accessed to the fire alarm system.
- ◆ Provides 3-way external audio signal input interface, which can be connected to third-party conference system, simultaneous interpretation system, sound reinforcement system and other system audio signals. Server and terminal equipment can synchronize the output of audio signals (original sound).
- ◆ Supports recording and broadcasting function. Provides 1-way USB interface on the front panel. Insert U disk (FAT32 format) to support manual/automatic audio recording and display recording status. When used with capture card with software, it can realize the function of recording and video.
- ◆ Provides connection interface for simultaneous interpretation equipment, which can be connected to the interpreter terminal and wireless simultaneous interpretation access point, and the audio frequency response of the simultaneous interpretation channel can reach 20Hz ~ 20KHz. The audio frequency response of the simultaneous interpretation channel can reach 20Hz ~ 20KHz, and it can realize 6-channel (wireless conference terminal)/32-channel (wired conference terminal)/32-channel (wireless simultaneous interpretation receiving unit) simultaneous interpretation function(including the floor channel).
- ◆ Supports multiple discussion modes: FIFO, Override, Wait, Voice, Apply, PTT, Timed (requires software integration)
- ◆ FIFO: When the number of active microphones exceeds the system limit, pressing the microphone button will activate the microphone while the earliest active microphone is automatically turned off.
- ◆ Override: When the number of active microphones exceeds the system limit, pressing the microphone button will attempt to activate the microphone, but activation will only occur after other microphones are turned off.
- ◆ Wait: When the number of active microphones exceeds the system limit, pressing the microphone button will place the microphone in a waiting queue. Once an active microphone is turned off, the waiting microphone will automatically activate.
- ◆ Voice: The microphone will automatically activate when it detects sound and will turn off when no sound is detected for a preset period. Sensitivity and auto-off time can be configured. Manual activation and deactivation by pressing the microphone button are also supported.

- ◆ PTT: The microphone remains active only while the microphone button is being pressed and will deactivate once the button is released.
- ◆ Apply: When the delegate microphone button is pressed, the microphone enters a request status. The microphone will only activate after approval from the Chairman. Chairman and Vice Chairman units can speak directly without approval.
- ◆ Timed (requires software support): When the microphone is activated, it enters a countdown timer status. Once the countdown reaches zero, the microphone will automatically turn off. The speaking time limit can be configured via software.
- Permanent Mute Mode: Press the chairman key to permanently mute all delegate microphones.
- Temporary Mute Mode: Press the chairman key to temporarily mute all delegate microphones. Release the key to restore.
- Chairman Approval Mode: Press the chairman key briefly to approve the first speaker's request. Press again to approve the next speaker. Press and hold to mute all delegate microphones.
- ◆ The congress server has a dual-server hot backup function. One conference server can be set to backup mode, when the main server fails, the backup server automatically takes over the work to ensure uninterrupted operation of the system
- ◆ Supports automatic camera tracking function and supports panoramic bit. Provides 2 groups of camera dome control interface, support the connection and control of standard definition cameras, high-definition cameras. Provide 1 group of matrix control interface, support the connection and control of HD matrix, mixing matrix, switcher. Provide 1 group of center control interface, support the connection of third-party center control system.
- ◆ Supports discussion control and other functions via client software.
- ◆ Supports discussion control via web browser.
- ◆ With ASR system (need to purchase separately), it can realize the functions of system audio role separation, voice transcription, voice translation, subtitle display and minutes output.
- ◆ Supports the integration and use with registration system, voting system, paperless conference system, smart conference management platform. Support docking third-party conference system, OA office system, government office system and so on. Remote control, status monitoring, fault reminder and other functions can be realized.
- ◆ The power supply features a wide input voltage range of 100V to 240V, with an internal linear voltage regulator circuit that includes over-voltage protection.

Technical Parameters

Installation	Desktop or 19-inch cabinet mounting
Device Interface	Terminal interface (RJ45) × 4, Network interface + PoE power supply (RJ45) × 2 Recording interface (USB) × 1
Camera Tracking Interface	Ball interface (RS-485) × 2, Matrix interface (RS-232) × 1 Center control interface (RS-485) × 1
Audio Input Connector	MIC input connector (XLR) × 1, LINE input connector (6.35 mm) × 1 LINE input connector (Phoenix terminal) × 1
Audio Output Connector	MIC output connector (XLR) × 1, LINE output connector (6.35 mm) × 1 LINE output connector (Phoenix terminal) × 1
Fire Alarm Interface	Fire broadcast audio interface (Phoenix terminal) × 1 Fire broadcast control interface (Phoenix terminal) × 1
Audio Frequency Response	20Hz to 20KHz
Signal-to-Noise Ratio	>96dBA
Channel Isolation	>85dB
Dynamic Range	>94dB
THD	<0.05%
Output Impedance	>1KΩ
Maximum Audio Output	LINE OUT (unbalanced): +20 dBu, BLANCE OUT (balanced): +20 dBu MIXER OUT (balanced): +20 dBu, AUDIO OUT 1 to 4 (balanced): +20 dBu
Maximum Power Consumption	200W
Power Supply	AC100~240V, 50/60Hz
Dimension (L×W×H)	334mm×430mm×88mm
Weight	8.9kg